

OPTICAL TRANSCEIVER DESIGN AND MECHANICAL FEATURES

Abstract of the Disclosure

5 A node for use in a wireless communication network that facilitates alignment of
the node with other nodes in the network and a method for aligning the node. The node
includes mounting fixtures that enables the mounting of GPS receivers and a tiltmeter to
10 obtain position and bearing information for the node. The node contains alignment
features that enable the positioning of an optical transmitter/receiver pair in the node
using the data obtained from the GPS receivers and tiltmeter.

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